

APPENDIX A

DNA Viruses

Circular dsDNA Viruses

◆ Family: Caulimoviridae

◆ Genus: Badnavirus

Type species: commelina yellow mottle virus

◆ Genus: Caulimovirus

Type species: cauliflower mosaic virus

◆ Genus "SbCMV-like viruses"

Type species: Soybean chlorotic mottle virus

◆ Genus "CsVMV-like viruses"

Type species: Cassava vein mosaic virus

◆ Genus "RTBV-like viruses"

Type species: Rice tungro bacilliform virus

◆ Genus: "Petunia vein clearing-like viruses"

Type species: Petunia vein clearing virus

Circular ssDNA Viruses

◆ Family: Geminiviridae

◆ Genus: Mastrevirus (Subgroup I Geminivirus)

Type species: maize streak virus

◆ Genus: Curtovirus (Subgroup II Geminivirus).

Type species: beet curly top virus

◆ Genus: Begomovirus (Subgroup III Geminivirus).

Type species: bean golden mosaic virus

RNA Viruses

ssRNA Viruses

◆ Family: Bromoviridae

◆ Genus: Alfavirus

Type species: alfalfa mosaic virus

◆ Genus: Ilarvirus

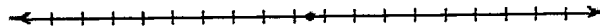
Type species: tobacco streak virus

◆ Genus: Bromovirus

Type species: brome mosaic virus

◆ Genus: Cucumovirus

Type species: cucumber mosaic virus



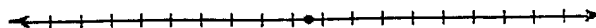
◆ Family: Closteroviridae

◆ Genus: Closterovirus

Type species: beet yellows virus

◆ Genus: Crinivirus

Type species: Lettuce infectious yellows virus



◆ Family: Comoviridae

◆ Genus: Comovirus

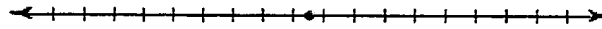
Type species: cowpea mosaic virus

◆ Genus: Fabavirus

Type species: broad bean wilt virus 1

◆ Genus: Nepovirus

Type species: tobacco ringspot virus



◆ Family: Potyviridae

◆ Genus: Potyvirus

Type species: potato virus Y

◆ Genus: Rymovirus

Type species: ryegrass mosaic virus

◆ Genus: Bymovirus

Type species: barley yellow mosaic virus



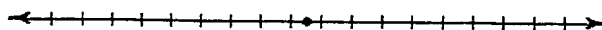
◆ Family: Sequiviridae

◆ Genus: Sequivirus

Type species: parsnip yellow fleck virus

◆ Genus: Waikavirus

Type species: rice tungro spherical virus



◆ Family: Tombusviridae

◆ Genus: Carmovirus

Type species: carnation mottle virus

◆ Genus: Dianthovirus

Type species: carnation ringspot virus

◆ Genus: Machlomovirus

Type species: maize chlorotic mottle virus

◆ Genus: Necrovirus

Type species: tobacco necrosis virus

◆ Genus: Tombusvirus

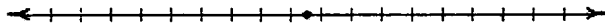
Type species: tomato bushy stunt virus



◆ Unassigned Genera of ssRNA viruses

◆ Genus: Capillovirus

Type species: apple stem grooving virus

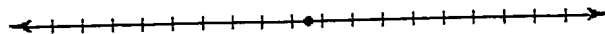


◆ Genus: Carlavirus

Type species: carnation latent virus

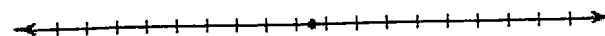
◆ Genus: Enamovirus

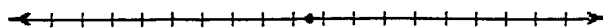
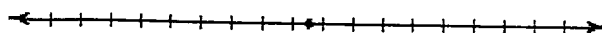
Type species: pea enation mosaic virus



◆ Genus: Furovirus

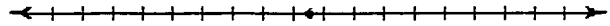
Type species: soil-borne wheat mosaic virus



◆ Genus: HordeivirusType species: barley stripe mosaic virus◆ Genus: IdaeovirusType species: raspberry bushy dwarf virus◆ Genus: LuteovirusType species: barley yellow dwarf virus◆ Genus: MarafivirusType species: maize rayado fino virus◆ Genus: PotexvirusType species: potato virus X◆ Genus: SobemovirusType species: Southern bean mosaic virus◆ Genus: TenuivirusType species: rice stripe virus◆ Genus: TobamovirusType species: tobacco mosaic virus

◆ Genus: Tobravirus

Type species: tobacco rattle virus



◆ Genus: Trichovirus

Type species: apple chlorotic leaf spot virus



◆ Genus: Tymovirus

Type species: turnip yellow mosaic virus



◆ Genus: Umbravirus

Type species: carrot mottle virus



Negative ssRNA Viruses

◆ Order: Mononegavirales

◆ Family: Rhabdoviridae

◆ Genus Cytorhabdovirus

Type Species lettuce necrotic yellows virus

◆ Genus: Nucleorhabdovirus

Type species: potato yellow dwarf virus



Negative ssRNA Viruses

◆ Family: Bunyaviridae

◆ Genus: Tospovirus

Type species: tomato spotted wilt virus

dsRNA Viruses

◆ Family: Partitiviridae

◆ Genus: Alphacryptovirus

Type species: white clover cryptic virus 1

◆ Genus: Betacryptovirus

Type species: white clover cryptic virus 2

◆ Family: Reoviridae

◆ Genus: Fijivirus

Type species: Fiji disease virus

◆ Genus: Phytoreovirus

Type species: wound tumor virus

◆ Genus: Oryzavirus

Type species: rice ragged stunt virus

Unassigned Viruses

◆ Genome ssDNA

- ◆ Species banana bunchy top virus
- ◆ Species coconut foliar decay virus
- ◆ Species subterranean clover stunt virus

◆ Genome dsDNA

- ◆ Species cucumber vein yellowing virus

◆ Genome dsRNA

- ◆ Species tobacco stunt virus

◆ Genome ssRNA

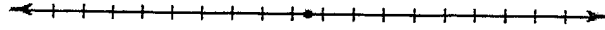
- ◆ Species Garlic viruses A,B,C,D
- ◆ Species grapevine fleck virus
- ◆ Species maize white line mosaic virus
- ◆ Species olive latent virus 2
- ◆ Species ourmia melon virus
- ◆ Species Pelargonium zonate spot virus

Satellites and Viroids

◆ Satellites

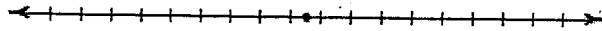
- ◆ ssRNA Satellite Viruses
 - ◆ Subgroup 2 Satellite Viruses

Type species: tobacco necrosis satellite



◆ Satellite RNA

- ◆ Subgroup 2 B Type mRNA Satellites
- ◆ Subgroup 3 C Type linear RNA Satellites
- ◆ Subgroup 4 D Type circular RNA Satellites



◆ Viroids

Type species: potato spindle tuber viroid

